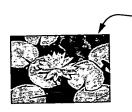




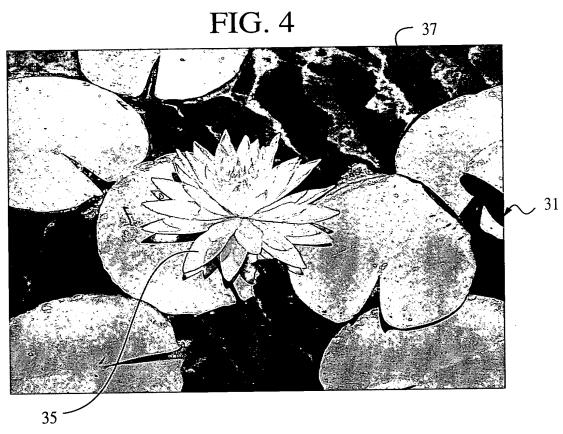
FIG. 2

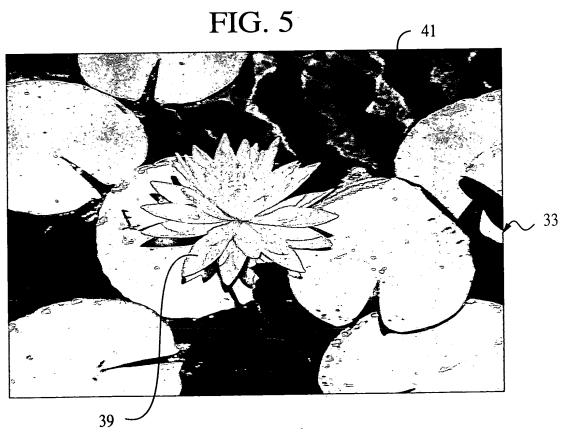


32

FIG. 3

2/10





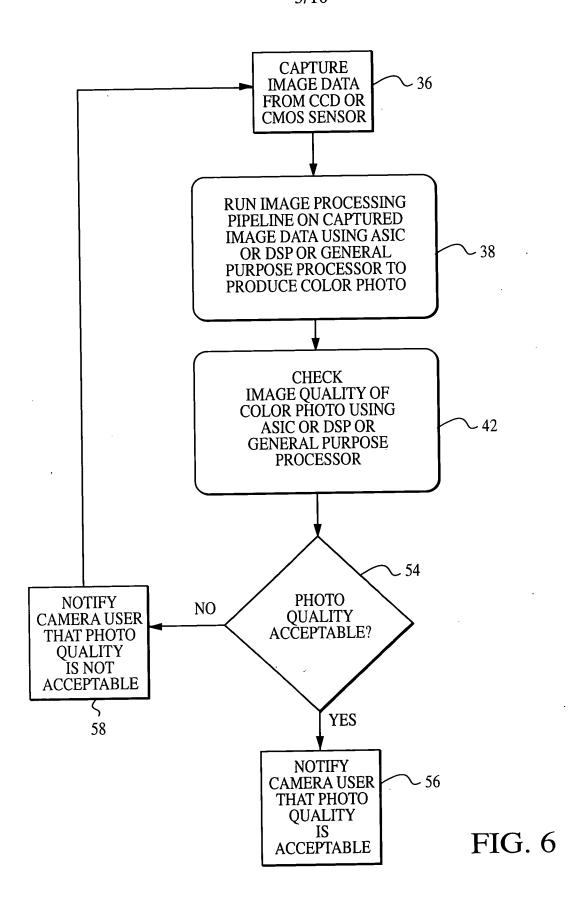
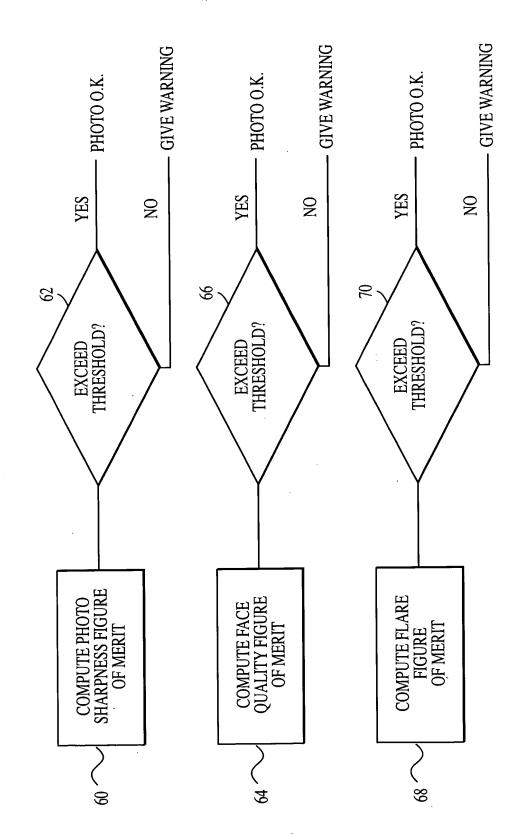


FIG.



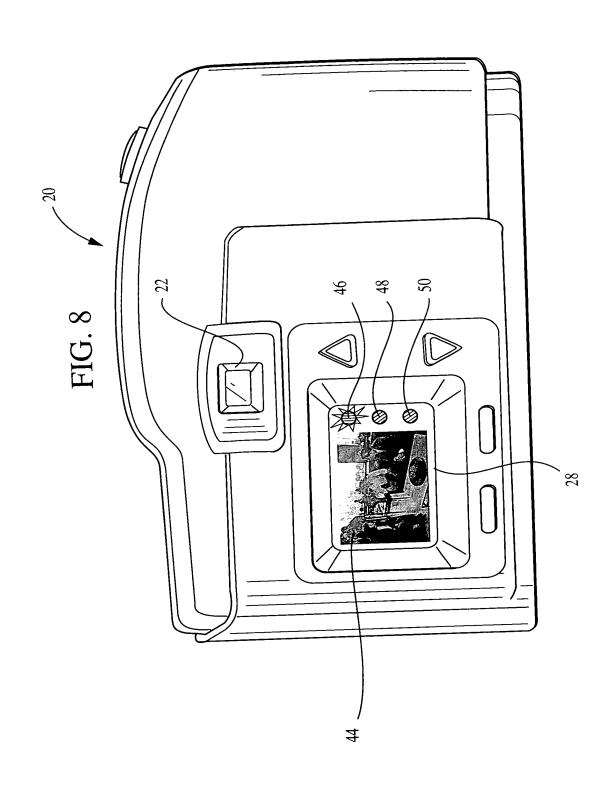


FIG. 9

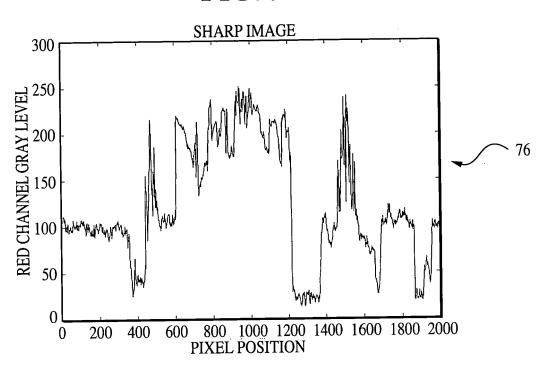
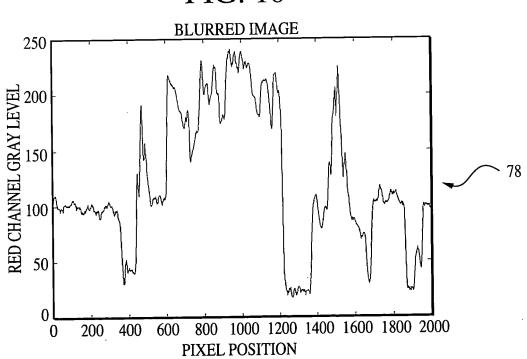


FIG. 10



7/10

FIG. 11

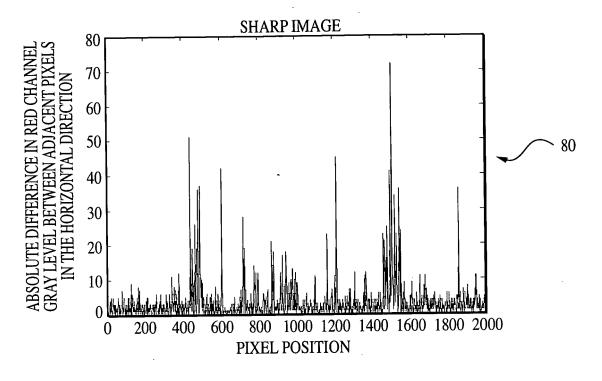
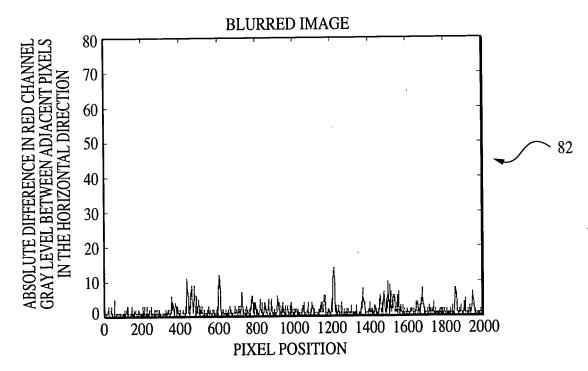


FIG. 12



GIVE WARNING GIVE WARNING PHOTO O.K. PHOTO O.K. PHOTO 0.K. YES YES YES 2 9 95 97 93 FIGURE OF MERIT WITHIN THRESHOLD RANGE? EXCEEDS THRESHOLD? FIGURE OF MERIT WITHIN THRESHOLD FIGURE OF MERIT BRIGHTNESS CONTRAST NOISE RANGE? OF L* IN DETECTED FACE OF L* IN DETECTED FACE REGION TO OBTAIN STANDARD DEVIATION STANDARD DEVIATION COMPUTE MEAN OF L*
IN DETECTED FACE **BRIGHTINESS FIGURE** COMPUTE OVERALL REGION TO OBTAIN REGION TO OBTAIN COMPUTE LOCAL NÈIGHBORHOOD) NOISE FIGURE (PIXELS IN 3x3 OF MERIT OF MERIT **)** 8 2 / 92 8 CONVERT FACE PIXELS) FROM RGB TO L*a*b* IMAGE DATA RUN FACE DETECTION ALGORITHM **SPACE**

8/10

GIVE WARNING

9

CONTRAST FIGURE

OF MERIT

8

FIG. 13

9/10

FIG. 14

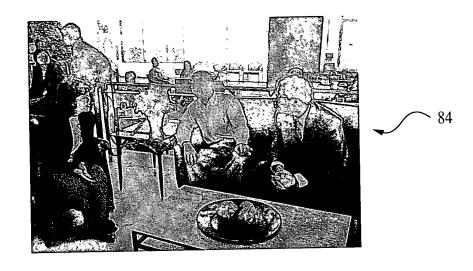


FIG. 15

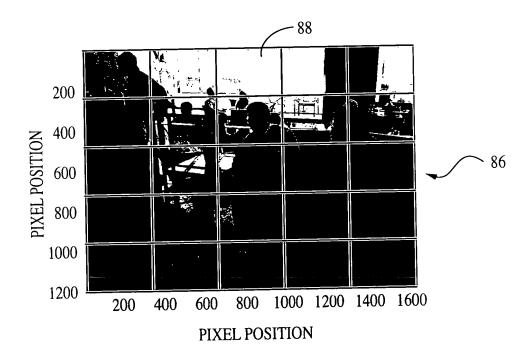


FIG. 16

